

Claims

- [c1] 1. A rotating electrical machine having a component having a cylindrical surface adapted to face a gap defined by a cooperating cylindrical surface of formed by poles wound with electrical coils, a plurality of plate type, planar permanent magnets spaced around said cylindrical surface, and a bonding agent adhered to said cylindrical surface and surrounding the peripheral edges of said magnets and at least a portion of the sides thereof facing the gap and leaving an area of said sides directly exposed to the gap.
- [c2] 2. A rotating electrical machine as set forth in claim 1 wherein the bonding agent covers only the circumferential ends of the magnet sides facing the gap leaving the circumferential center portion thereof exposed.
- [c3] 3. A rotating electrical machine as set forth in claim 1 wherein the bonding agent covers only the circumferential center portion of the magnet sides facing the gap leaving the circumferential ends thereof exposed.
- [c4] 4. A rotating electrical machine as set forth in claim 1 wherein the sides of the permanent magnets facing the

cylindrical surface are adhesively secured thereto.

- [c5] 5.A rotating electrical machine as set forth in claim 4 wherein the sides of the permanent magnets facing the cylindrical surface are positioned in slots formed therein.
- [c6] 6.A rotating electrical machine as set forth in claim 4 wherein the bonding agent is formed in a shape having a cylindrical surface facing the gap which cylindrical surface is tangential to the magnet sides facing the gap.
- [c7] 7.A rotating electrical machine as set forth in claim 6 wherein the bonding agent covers only the circumferential ends of the magnet sides facing the gap leaving the circumferential center portion thereof exposed.
- [c8] 8.A rotating electrical machine as set forth in claim 6 wherein the bonding agent covers only the circumferential center portion of the magnet sides facing the gap leaving the circumferential ends thereof exposed.